

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-141965

(43)Date of publication of application : 25.05.2001

(51)Int.Cl.

G02B 6/42
G02B 6/122
G02B 6/24
H01L 31/0232
H01S 5/022

(21)Application number : 11-323463

(71)Applicant : CANON INC

(22)Date of filing : 15.11.1999

(72)Inventor : FURUKAWA YUKIO

(54) PHOTO-COUPLER, ITS MANUFACTURING METHOD, AND OPTICAL TRANSMITTER-RECEIVER AND OPTICAL INTERCONNECTION DEVICE USING THE SAME

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a manufacturing method by which a photo-coupler capable of optically coupling optical devices to each other with efficiency, and has a simple construction, and is easily decreased in size and arrayed, and by which an ellipsoidal surface constructed of a part of almost an ellipsoidal sphere can easily manufactured with good productivity.

SOLUTION: This photo-coupler optically couples a 1st optical device 27 and a 2nd optical device 17 to each other by ellipsoidal surface mirrors 13, 15 constructed of a part of almost an ellipsoidal sphere.

